

Amendments to the Specification:

Please replace the paragraph at page 1, lines 8-12 with the following amended paragraph, marked to show the changes made:

Reference is made to U.S. patent application entitled “Residential Gateway System For Managing Service Applications Associated With Electronic Devices”, serial No. [[____]] 09/705,472, filed on [[____]] November 2, 2000, and also to U.S. patent application entitled “Content and Application Download Based On A Home Network System Configuration Profile” serial No. [[____]] 09/705,442, filed on [[____]] November 2, 2000.

Please replace the paragraph at page 6, lines 16-22 with the following amended paragraph, marked to show the changes made:

FIG. 1 shows a block diagram generally illustrating a home network system 12 including a gateway device 14 having a port 16 communicatively coupled with an internet protocol (IP) network 18 such as the Internet thereby enabling the gateway device 14 to access a plurality of different server sites including a remote maintenance server site 20 having a computer system [[21]] 22 operative to access at least one associated database [[22]] 24, and a remote manual server site [[23]] 20 having a computer system [[24]] 22 operative to access at least one associated database [[25]] 24 as further explained below.

Please replace the paragraph at page 9, line 33 - page 10, line 4 with the following amended paragraph, marked to show the changes made:

In one embodiment, the gateway device 14 provides a GUI service selection menu on the display device 42 enabling a user to select a particular device and an associated service application to be executed for providing a service associated with the particular device. Also in an embodiment, the wireless remote control device [[54]] 84 may be used to interact with the

service selection menu by providing user input indicative of a selected one of the devices and associated services.

Please replace the paragraph at page 16, lines 15-26 with the following amended paragraph, marked to show the changes made:

In step 304, the service management system determines a particular one of the devices in the home network system for which a service application is required. In one embodiment, the determination in step 304 includes: discovery of a new device in the home network system by one of the home network bridges 154 and 158 (FIG. 3); and a determination that no service application compatible with the new device is locally available (e.g., stored in the system memory unit of the gateway device). In another embodiment, the step 304 of determining a particular device requiring a service application includes a step 306 of receiving user input indicating that a selected type of services is required by a selected one of the devices. In a further embodiment, the step 304 includes a step of determining whether a revised service application is available for a specific device. As an example, the serial number of a particular device received in step 302 may indicate that the particular device requires an updated service application.

Please replace the paragraph at page 16, lines 27-32 with the following amended paragraph, marked to show the changes made:

In step ~~[[306]]~~ 308, the service manager 166 (FIG. 3) receives the device ID information associated with a particular device via the associated one of the home network bridges, and forms a uniform resource locator (URL) based on the device ID information. The URL formed in step ~~[[306]]~~ 308 is used to access a Web server or FTP server site via the IP network 18 (FIG. 1) for the purpose of determining and downloading a service application that is compatible with the particular device as further explained below.

Please replace the paragraph at page 17, lines 6-13 with the following amended paragraph, marked to show the changes made:

As further explained below, the URL may be formed in accordance with several different embodiments of the present invention. In one embodiment, the URL identifies a server which may be queried for a service application associated with a particular electronic device as further explained below. In another embodiment, the URL identifies a particular file at a particular server from which a particular service from which a particular service application may be downloaded without presenting any query to the server as further explained below. In step ~~[[308]]~~ 310, the service manager 166 (FIG. 3) downloads a service application that is operative to provide a service associated with a particular one of the devices of the home network.

Please replace the paragraph at page 17, lines 14-19 with the following amended paragraph, marked to show the changes made:

FIG. 10 shows a flow diagram illustrating a sub-process at ~~[[300]]~~ for implementing the step ~~[[306]]~~ 308 (Fig. 9) of forming a URL in accordance with one embodiment of the present invention wherein a URL is formed to identify a particular file at a particular server from which a particular service application may be downloaded without the need to present a query to the server. The sub-process 320 is implemented as computer readable instructions of the service management system 92 (FIG. 3) which is executed by the gateway device 14 (FIG. 1).

Please replace the paragraph at page 18, lines 20-23 with the following amended paragraph, marked to show the changes made:

Fig. 11 shows a flow diagram for implementing the step ~~[[308]]~~ 310 (FIG. 9) of downloading a service application in accordance with the embodiment of the present invention wherein the URL formed in step ~~[[306]]~~ 308 (FIG. 4) identifies a server which may be queried for a service application associated with a particular electronic device.

Please replace the paragraph at page 18, lines 24-32 with the following amended paragraph, marked to show the changes made:

The sub-process 340 begins with a step 344 in which the service manager 166 (FIG. 3) accesses a specified server via the Internet bridge 162 (FIG. 3) using the URL formed in step [[306]] 308 (FIG. 9). In one embodiment, the URL identifies a server associated with a specified vendor (e.g., Sony) which may be queried using a search term determined based on a model number (e.g., "CCD-TRV87") for a service application associated with a device manufactured by the specified vendor. In another embodiment, the URL identifies a server associated with a group of vendors, the server being responsive to queries for a file providing a service application associated with a device manufactured by a particular one of the group of vendors.

Please replace the paragraph at page 22, lines 18-21 with the following amended paragraph, marked to show the changes made:

In step 462, the system transmits the selected document to the client. In step 464, the system generates a database record based on the received functional state information and/or diagnostic information and/or help query information associated with the particular device. In step 466, the server computing system stores the database record in a database.